Information Disclosure Statement Attorney Docket No. EI-7627

Serial No: 10/749,276

IN THE LENDFED STATES PATENT AND TRADEMARK OFFICE

	olication of: LOPER et al.)	
Serial Nur	mber: 10/749,276)	Confirmation No.: 8539
Filed: De	cember 31, 2003))	
•	drocarbyl Dispersants Including ndant Polar Functional Groups))	

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class U.S. Mail on June 18, 2004 with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Transmitted herewith are the following in the subject application:

Information Disclosure Statement (no fee) Form PTO/SB/08A listing 78 U.S. references Return Postcard (attached hereto, but not stapled)

It is believed that there are no fees associated with this filing. However, in the event the calculations are incorrect, the Commissioner is hereby authorized to charge any deficiencies in fees or credit any overpayment associated with this communication to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

Respectfully submitted,

ETHYL PETROLEUM ADDITIVES, INC.

eah Oubre Robinson, Reg. No. 44,990

330 South Fourth Street Richmond, VA 23219 Phone: 804-788-5498 FAX: 804-788-5519

Date: June 18, 2004

Information Disclosure Statement U.S. Application No. 10/749,276 Attorney Docket No. EI-7627



In re Patent Application of: John T. LOPER et al.)))
) Confirmation No.: 8539
Application No.: 10/749,276	.)
Filed: December 31, 2003)
For: Hydrocarbyl Dispersants Including	j j
Pendant Polar Functional Groups)
)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

Pursuant to the duty of disclosure, Applicants submit herewith information which may be material to the examination of the above-captioned application.

Specifically, the information comprises references that have become known to Applicants and their attorneys. Those references are listed on the enclosed form PTO/SB/08A.

It is respectfully requested that these references be fully considered in their entirety, and that the references be made of record in the above-captioned application. It is also respectfully requested that the Examiner initial in the appropriate area on the enclosed Form PTO/SB/08A, thereby indicating the Examiner's consideration of each of the references.



Information Disclosure Statement U.S. Application No. 10/749,276 Attorney Docket No. EI-7627

Fees

As this Information Disclosure Statement is being filed prior to the mailing date of the first Office Action on the Merits of the application, it is believed that no fees are due. However, in the event the calculations are incorrect, the Commissioner is hereby authorized to charge any deficiencies in fees or credit any overpayment associated with this communication to Deposit Account No. 05-1372.

Conclusion

It is believed that all provisions of 37 CFR 1.97 have been complied with, and consideration of these references is most respectfully requested.

Respectfully Submitted,

ETHYL PETROLEUM ADDITIVES, INC.

Leah Oubre Robinson, Reg. No. 44,990

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Date: June 18, 2004

10/749.276

EI-7627

December 31, 2003

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Application Number

First Named Inventor

Attorney Docket Number

Filing Date

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of |5

Sheet 1

John T. Loper et al. Art Unit Unassigned; Conf #: 8539 Examiner Name Unassigned

U. S. PATENT DOCUMENTS Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lines, Where Initials* No. MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (# known)} Figures Appear ūs- 2459112 01-11-1949 Oberright US- 2962442 11-29-1960 Andress, Jr. ^{US-} 2984550 05-16-1961 Charnot ^{US-} 3036003 05-22-1962 Verdol ^{US-} 3166516 01-19-1965 Kirkpatrick, et al. ^{US-} 3236770 02-22-1996 Matson, et al. ^{US-} 3329658 07-04-1967 Fields ^{US-} 3368972 02-13-1968 Otto ^{US-} 3413347 11-26-1968 Worrell US-3442808 05-06-1969 Traise, et al. ^{US-} 3448047 Traise, et al. 06-03-1969 ^{US-} 3449250 Fields 06-10-1969 ^{US-} 3454497 07-08-1969 Wittner US- 3459661 08-05-1969 Schlobohm us- 3493520 02-03-1970 Verdol, et al. US-3519565 07-07-1970 Coleman ^{US-} 3539633 11-10-1970 Piasek, et al. ^{US-} 3558743 01-26-1971 Verdol, et al. ^{US-} 3586629 06-22-1971 Otto, et al.

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
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Sheet 2

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Complete if Known				
Application Number	10/749,276			
Filing Date	December 31, 2003			
First Named Inventor	John T. Loper et al.			
Art Unit	Unassigned; Conf. #: 8539			
Examiner Name	Unassigned			
Attorney Docket Number	FL7627			

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	\vdash	Number-Kind Code ^{2 (# known)}	 		Tigures Appear		
	ļ	^{US-} 3591598	07-06-1971	Traise, et al.			
		^{US-} 3600372	08-17-1971	Udelhofen, et al.			
		^{US-} 3634515	01-11-1972	Piasek, et al.			
		^{US-} 3649229	03-14-1972	Otto			
		^{US-} 3666730	05-30-1972	Coleman			
		^{US-} 3687849	08-29-1972	Abbott			
		^{US-} 3697574	10-10-1972	Piasek, et al.			
		^{US-} 3702300	11-07-1972	Coleman			
		^{US-} 3703536	11-21-1972	Piasek, et al.			
-		^{US-} 3704308	11-28-1972	Piasek, et al.			
		^{US-} 3725277	04-03-1972	Worrell			
		^{US-} 3725480	04-03-1972	Traise, et al.			
		^{US-} 3726882	04-10-1973	Traise, et al.			
		us- 3736357	05-29-1973	Piasek, et al.			
		us- 3736535	05-29-1973	Mohr, et al.			
		^{US-} 3751365	08-07-1973	Piasek, et al.			
		^{US-} 3756953	09-04-1973	Piasek, et al.	0.1.11.11.11.11.11.11.11.11.11.11.11.11.		
		^{US-} 3793202	02-19-1974	Piasek, et al.			
		^{US-} 3798165	03-19-1974	Piasek, et al.			

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
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Examiner	Date	
Signature	Considered	

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Sheet 3

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Application Number	10/749,276				
Filing Date	December 31, 2003				
First Named Inventor	John T. Loper et al.				
Art Unit	Unassigned; Conf. #: 8539				
Examiner Name	Unassigned				
Attorney Docket Number	FI-7627				

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 3798247	03-19-1974	Piasek, et al.	
		^{US-} 3803039	04-09-1974	Piasek, et al.	
		us- 3872019	03-18-1975	Culbertson, et al.	
		^{US-} 3904595	09-09-1975	Plonsker, et al.	
		^{US-} 3957746	05-18-1976	Malec	
		^{US-} 3980569	09-14-1976	Pindar, et al.	
		^{US-} 3985802	10-12-1976	Piasek, et al.	
		us- 4006089	02-01-1977	Chibnik	
		^{US-} 4011380	03-08-1977	West, et al.	
		^{US-} 4025451	05-24-1977	Plonsker, et al.	
		^{US-} 4058468	11-15-1977	Malec	
		^{US-} 4083699	04-11-1978	Chibnik	
		^{US-} 4090854	05-23-1978	Davis	
		us- 4092255	05-30-1978	Chapelet, et al.	
		us- 4146489	03-27-1979	Stambaugh, et al.	
		^{US-} 4170561	10-09-1979	Chapelet, et al.	
		^{US-} 4334085	06-08-1982	Basalay, et al.	
		^{US-} 4354950	10-19-1982	Hammond, et al.	
		^{US-} 4485023	11-27-1984	Serres, et al.	

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Sheet 4

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Application Number	10/749,276		
Filing Date	December 31, 2003		
First Named Inventor	John T. Loper et al.		
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Examiner Initials*	Cite No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		^{US-} 4732942	03-22-1988	Liu, et al.		
		^{US-} 4769043	09-06-1988	Kapusciniski, et al.		
		^{US-} 4810754	03-07-1989	McCrary		
		^{US-} 4863623	09-05-1989	Nalesnik		
-		^{US-} 4941985	07-17-1990	Benfaremo, et al.		
		^{US-} 5071919	12-10-1991	DeGonia, et al.		
		^{US-} 5075383	12-24-1991	Migdal, et al.		
		^{US-} 5112508	05-12-1992	DeRosa, et al.		
		^{US-} 5186853	02-16-1993	Carlisle		
		us- 5238588	09-24-1993	Nalesnik, et al.		
		^{US-} 5294354	03-15-1994	Papke, et al.		
		^{US-} 5397489	03-14-1995	Carlisle		
		^{US-} 5433875	07-18-1995	Rollin, et al.		
		us- 5439603	08-09-1995	Carlisle		
		us- 5523008	06-04-1996	Boden, et al.		
		^{US-} 5663126	09-02-1997	Boden, et al.		
		^{US-} 5814586	09-29-1998	Boden, et al.		
		^{US-} 5843874	12-01-1998	Macpherson, et al.		
		^{US-} 6107257	08-22-2000	Valcho, et al.		

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Sheet 5

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Complete if Known

Application Number 10/749,276

Filing Date December 31, 2003

First Named Inventor John T. Loper et al.

Art Unit Unassigned; Conf. #: 8539

Examiner Name Unassigned

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		^{US-} 6187721	02-13-2001	Goldblatt, et al.		
		^{US-} 6472353	10-29-2002	Smoggie, et al.		
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	FOREIGN PATENT DOCUMENTS							
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